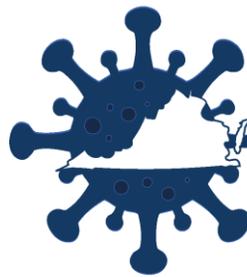

Virginia Respiratory Disease and Mpox Data Update

April 13, 2023



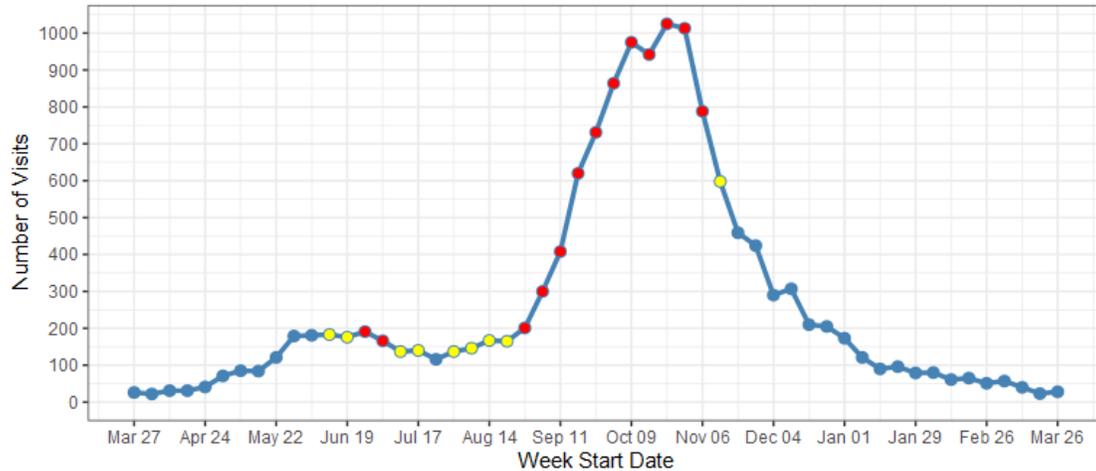
**VIRGINIA'S
HEALTH
IS IN OUR
HANDS.**

Do your part,
stop the spread.

Virginia: Respiratory Disease Syndromic Surveillance

*Diagnosed Respiratory Syncytial Virus (RSV)		
03/12 – 03/18 (MMWR Week 11)	03/19 – 03/25 (MMWR Week 12)	03/26 – 04/01 (MMWR Week 13)
39 visits	23 visits	28 (+22%)
Data is from the week of Mar. 26 – Apr. 01, 2023. Percent change is from week prior		
* RSV - ED and urgent care visits that include RSV in the discharge diagnosis (not necessarily confirmed cases)		

Weekly ED and Urgent Care Visits with Diagnosed RSV
03/27/22 – 04/01/23

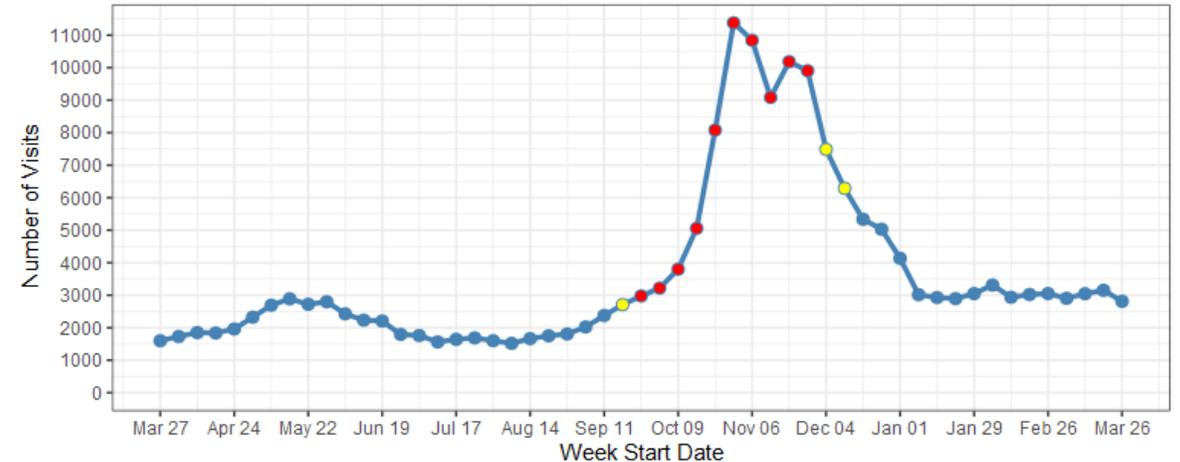


- Nationally, RSV hospitalization rates nationally decreased from 0.2 to 0.1 per 100k, during the week ending 04/01

Source: VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off prior week's visits. Data are preliminary and subject to change. RSV Net: <https://www.cdc.gov/rsv/research/rsv-net/dashboard.html>

*Influenza-Like Illness (Excluding Diagnosed COVID-19) ED and Urgent Care Visits		
03/12 – 03/18 (MMWR Week 11)	03/19 – 03/25 (MMWR Week 12)	03/26 – 04/01 (MMWR Week 13)
3,046	3,149	2,812 (-11%)
Data is from the week of Mar. 26– Apr. 01, 2023. Percent change is from week prior		
* ILI - ED and urgent care visits with a chief complaint of 'flu' or fever + sore throat/cough. Visits with diagnosed COVID-19 are excluded.		

Weekly ED and Urgent Care Visits for ILI Excluding Diagnosed COVID-19
03/27/22 – 04/01/23



- Virginia reported 2.7% of all ED and urgent care visits were for ILI, during the week ending 04/01
- Largest proportion of ILI visits were seen in the 0-4 years of age group with X 9.5% of all visits

*COVID-Like Illness ED and Urgent Care Visits		
03/12 – 03/18 (MMWR Week 11)	03/19 – 03/25 (MMWR Week 12)	03/26 – 04/01 (MMWR Week 12)
11,698	11,747	10,115 (-14%)

Data is from the week of Mar. 26 - Apr. 01, 2023. Percent change is from week prior

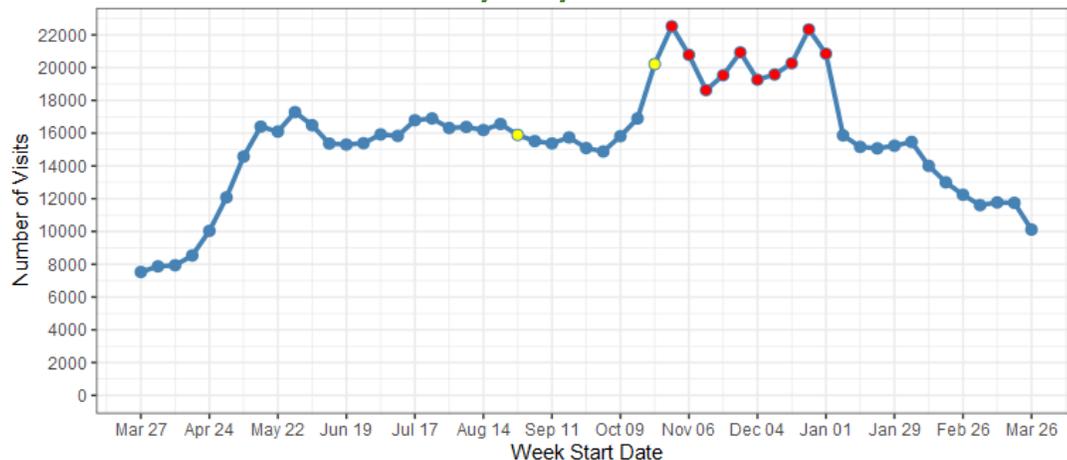
*CLI - ED visits noting symptoms of fever + respiratory complaint (e.g., fever with cough, shortness of breath, or difficulty breathing), loss of taste or smell, those with a coronavirus or severe respiratory diagnosis, or visits that mention COVID-19 as the reason for visit.

For the week ending April 1 2023, MMWR week 13:

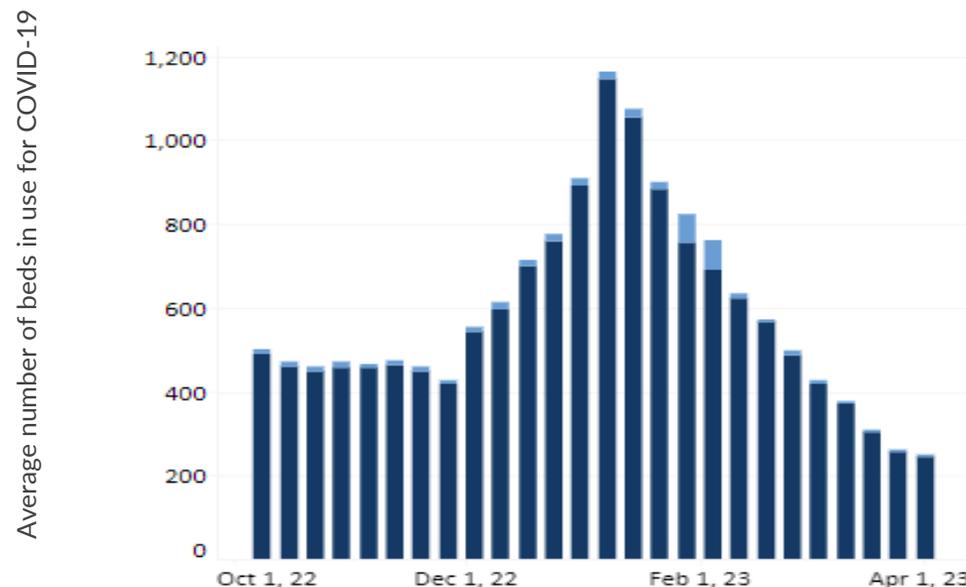
* Compared to last week:

- Weekly case rate **remained stable (<5%)** to 33.4 per 100K
- Hospital Census Data shows a **decrease of 5%** to 251 average beds in use for COVID-19
- The number of deaths reported for this week is 4 (confirmed & probable)

Weekly ED and Urgent Care Visits for COVID-Like Illness, VA, 03/27/22 - 04/01/23



COVID-19 Hospital Census Trends Virginia, July 2022 – April 2023



■ Pediatric
■ Adult

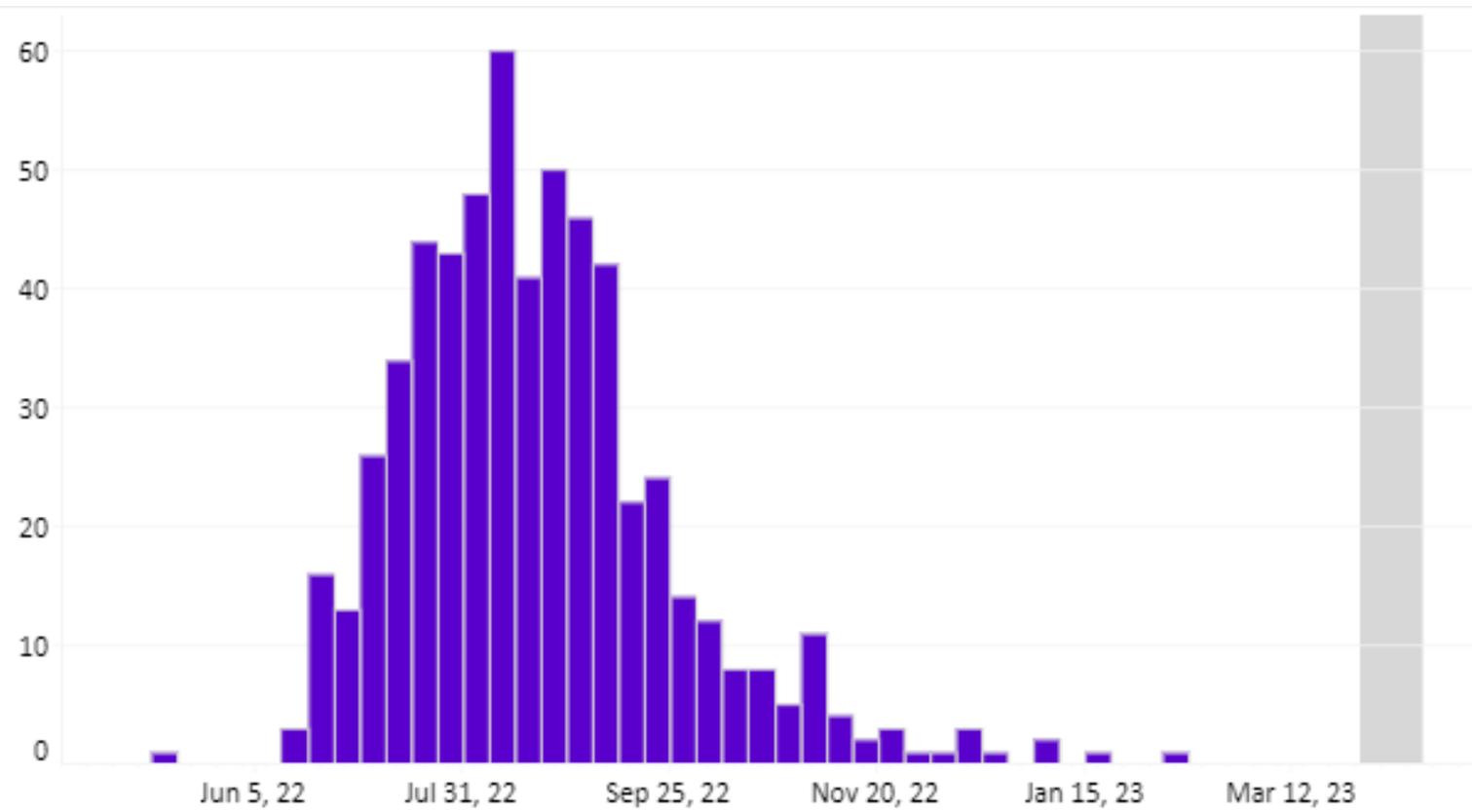
*Source: [CDC COVID Data Tracker](#), [VDH COVID-19 Dashboard](#)

VDH Weekly Respiratory Disease Surveillance Report. Percentage change is calculated off updated case numbers from week prior.

*Data comparisons: Wednesday-Wednesday

Mpox Cases in Virginia

Epi Curve of Mpox Cases (5/2022 – 4/2023)



Mpox Cases By Age and Sex (as of 04/11/2023)

Age Group	Cases
0-9 Years	0 (0.0%)
10-14 Years	1 (0.2%)
15-19 Years	14 (2.5%)
20-29 Years	209 (36.7%)
30-39 Years	225 (39.5%)
40-49 Years	84 (14.7%)
50-59 Years	32 (5.6%)
60-69 Years	3 (0.5%)
70+ Years	2 (0.4%)
Sex	
Female	31 (5.4%)
Male	539 (94.6%)

Total Cases	570
Hospitalizations	30
Deaths	2

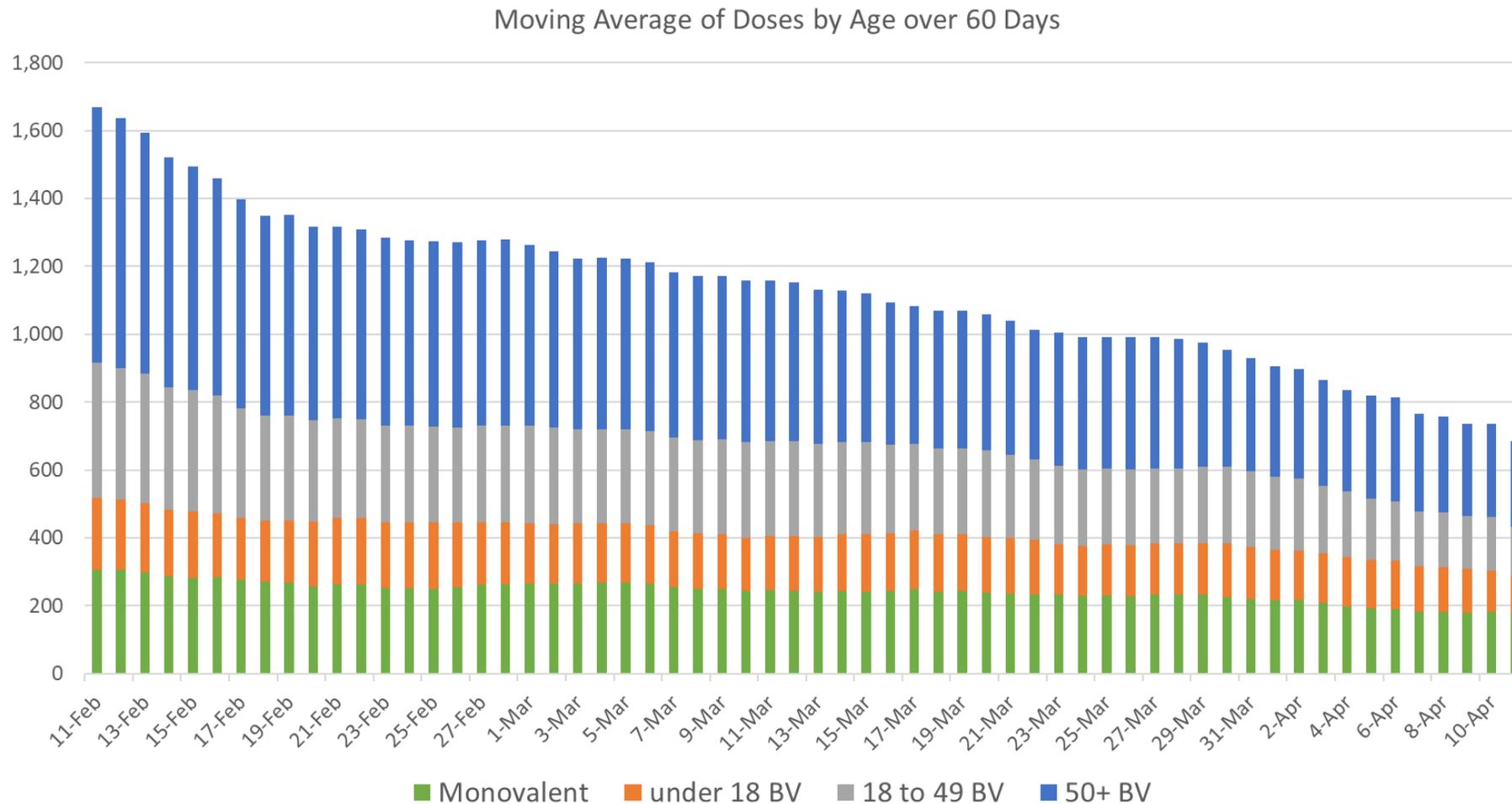
*Data represent investigations with notifications submitted in VEDSS.

Vaccine Updates

March 30, 2023

Virginia: Monovalent vs Bivalent Vaccination over the prior 60 days

- There have been 1,493,143 Bivalent Covid-19 Vaccine Doses Administered so far
- 5,357 Total Doses Administered last week vs 6,463 the week prior
- 18.1% of the total population is Up to Date with their vaccinations

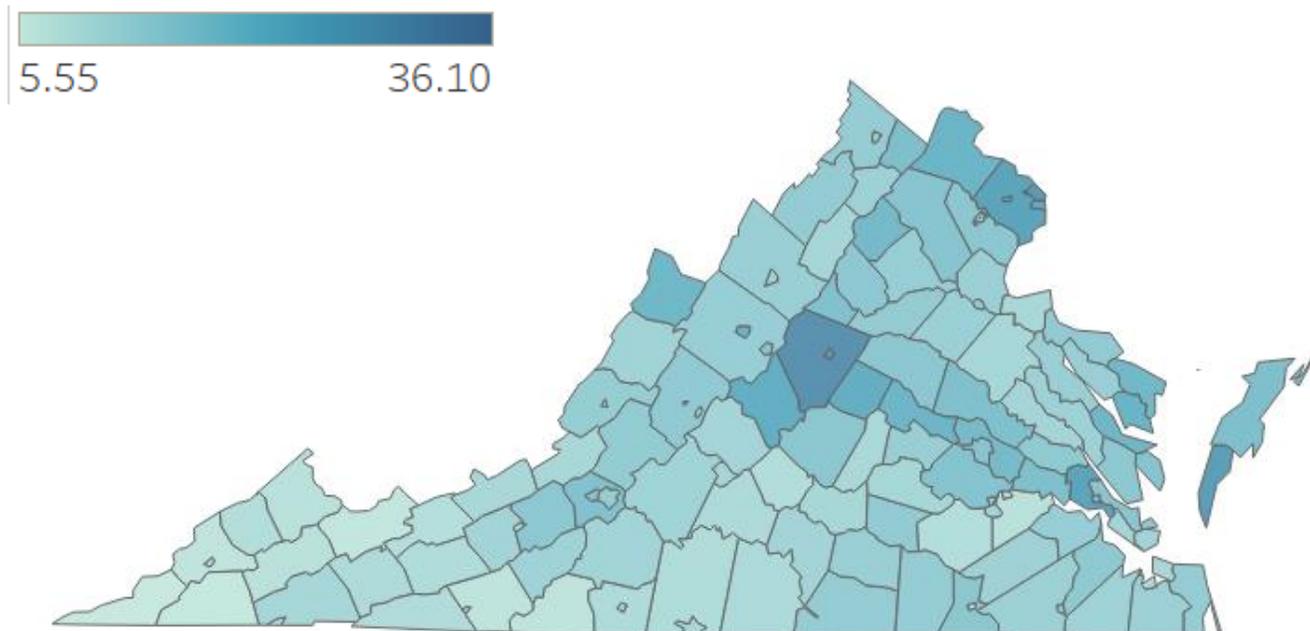


Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

Virginia: Vaccination across the Commonwealth by Geography

Percent of the Total Population with Bivalent Booster by Locality

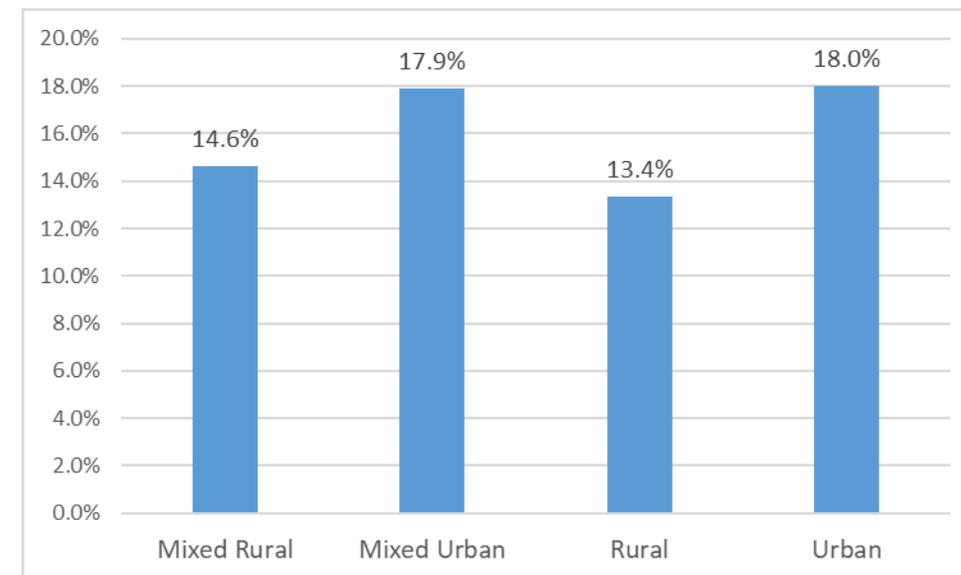


- 73.8% of the Total Population has completed their primary series
- 17.5% of the Total Population has a Bivalent Booster
- 24.9% of the Eligible Population has a Bivalent Booster
- Virginia is 15th in the nation in Bivalent Booster uptake

Vaccination Rates by Region

Health Region	Fully Vaccinated	Change
Central	64.8%	0.0%
Eastern	60.8%	0.0%
Northern	77.1%	0.0%
Northwest	62.5%	0.0%
Southwest	55.0%	0.1%

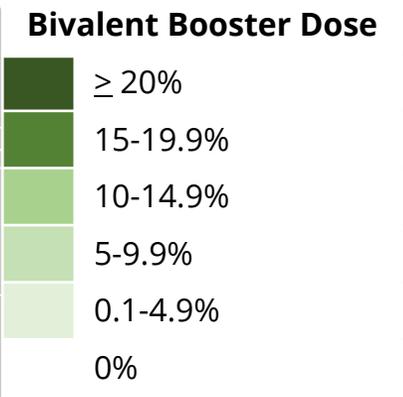
Bivalent Uptake by Urban / Rural



Federal doses not included in this number

Source: [COVID-19 Vaccine Summary - Coronavirus \(virginia.gov\)](https://www.virginia.gov/covid-19/vaccine-summary)

Virginia and Neighbors: Vaccination Rates



	One Dose*	Fully Vax*	Bivalent Booster**
Nationwide	81.3%	69.4%	16.7%
D.C.	95.0%	90.9%	31.5%
Kentucky	69.0%	59.7%	12.3%
Maryland	91.9%	79.9%	23.9%
North Carolina	92.5%	67.3%	14.9%
Tennessee	64.5%	56.3%	10.1%
Virginia**	91.2%	76.7%	20.9%
West Virginia	67.6%	59.8%	11.5%

*Total population, includes out-of-state vaccinations
 **Percent of fully vaccinated people with a booster dose
 ***Differs from previous slide because all vaccination sources are included

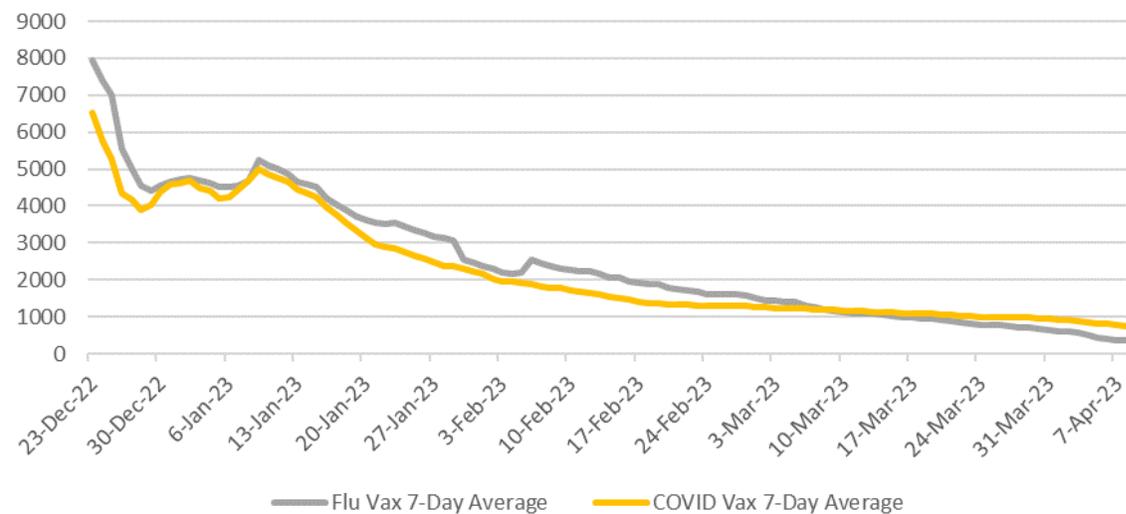
Ranks	Fully Vax %	0-4 First Dose %	5-11 First Dose %	Bivalent Booster %
Kentucky	#38	#37	#40	#37
Maryland	#8	#7	#5	#8
North Carolina	#23	#29	#23	#31
Tennessee	#46	#41	#45	#47
Virginia	#10	#11	#7	#15
West Virginia	#37	#47	#46	#39

Source: <https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Virginia: Flu Vaccine Update

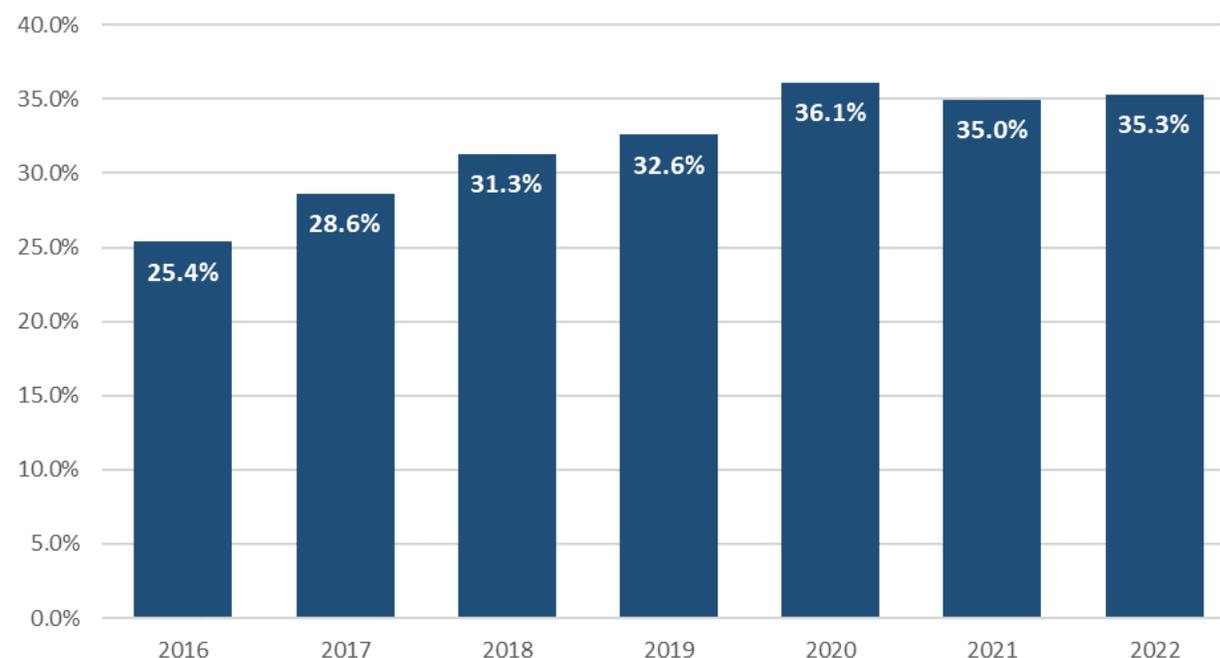
- Flu Vaccination Season is mostly finished, we expect less than 15,000 more doses this season
- 2,539 Flu shots administered last week vs 4,670 the week prior
- There have been 3.06 million Flu Vaccine doses administered (36% of the Total Population) since July 1st, 2022, which is very similar to the prior Flu season and higher than pre-pandemic.

7-Day Average of Flu Vax vs Covid Vax



7 Day Average - Last 7 days of daily doses given, adds them and divided by 7.

Flu Vaccine Uptake by Adjusted Population through April 8th



Virginia: JYNNEOS Administration Demographics

- Vaccinations have been slowing, with 25 doses administered last week out of the total 22,227 doses since July 1st.
- CDC estimated that 26% of Virginia's high risk population has had at least one dose

